

Converting Colors

$Yxy(65.0091, 0.2776, 0.3548)$

Have a look what the booklet for
Yxy(65.0091, 0.2776, 0.3548)
contains.

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Color

Yxy(64.9336, 0.2774, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	98E1CD
RGB	152, 225, 205
RGB Percent	60%, 88%, 80%
CMY	0.4042, 0.1176, 0.1961
CMYK	0.32, 0.00, 0.09, 0.12
HSL	164°, 55%, 74%
HSV	164°, 32%, 88%
XYZ	50.8830, 64.9336, 67.6117
YIQ	200.8930, -37.0880, -21.6960

Conversions

Conversions Part 2

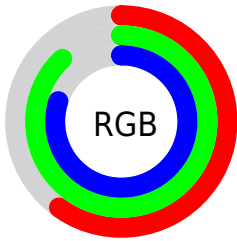
Format	Color
RYB	152, 194, 225
Decimal	10019277
CIELab	84.45, -26.98, 2.56
CIELCh	84, 27.104, 174.579
Yxy	64.9336, 0.2774, 0.3540
Android (android.graphics.Color)	4288209357 (0xFF98E1CD)
YUV	200.8930, 2.0248, -42.8792
Hunter-Lab	80.5814, -28.3039, 6.6598

Details

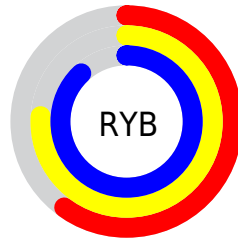
The Yxy color **64.9336, 0.2774, 0.3540** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4183, 0.3669, 0.3057**, and the grayscale version is **58.3351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **33.2070, 0.2685, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **62.6767, 0.2685, 0.3631**, and if you desaturate by 10%, it is **67.6193, 0.2875, 0.3455**.

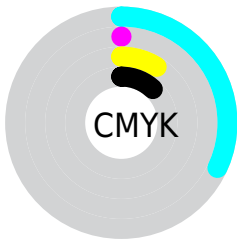
Distribution



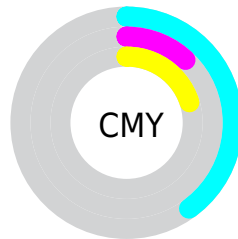
- Red (60%)
- Green (88%)
- Blue (80%)



- Red (60%)
- Yellow (76%)
- Blue (88%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)





- Cyan (40%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9336, 0.2774, 0.3540 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 64.9336, 0.2774, 0.3540 by changing the saturation by 10% instead.

 64.9336, 0.2774,
0.3540

 64.9336, 0.2774,
0.3540


442.5533, 0.2941,
0.3421

 47.4072, 0.2735,
0.3568


 111.9544, 0.2833,
0.3498

 33.3577, 0.2686,
0.3604


 142.2176, 0.2855,
0.3482

 22.4006, 0.2624,
0.3649

177.4952, 0.2875,
0.3468

 14.1516, 0.2540,
0.3710

218.1717, 0.2892,
0.3456

 8.2262, 0.2425,
0.3796

264.6313, 0.2906,
0.3445

 4.2400, 0.2253,
0.3926

317.2585, 0.2919,

 1.8087, 0.1974,

0.3436

0.4143

376.4377, 0.2931,
0.3428

0.4926, 0.0000,
0.5796

0.0000, 0.0000,
0.0000

64.9336, 0.2774,
0.3540

64.9336, 0.2774,
0.3540

62.6767, 0.2685,
0.3631

67.6193, 0.2875,
0.3455

60.8172, 0.2609,
0.3728


70.7475, 0.2984,
0.3377


59.3318, 0.2551,
0.3828

74.3409, 0.3098,
0.3306


58.1917, 0.2512,
0.3931


78.4186, 0.3216,
0.3243

 57.3635, 0.2493,
0.4035

 81.1652, 0.3267,
0.3184


 56.8072, 0.2494,
0.4139

 81.5291, 0.3226,
0.3124

 56.5192, 0.2504,
0.4215

 81.9056, 0.3185,
0.3064

 82.2946, 0.3145,
0.3006

 82.3401, 0.3141,
0.2999

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9336, 0.3088, 0.3801



64.9336, 0.2774, 0.3540



64.9336, 0.2561, 0.3213

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.9336, 0.2774, 0.3540



64.9336, 0.2813, 0.2740



64.9336, 0.3804, 0.3596

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.9336, 0.2774, 0.3540



41.4183, 0.3669, 0.3057

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9336, 0.3726, 0.3320



64.9336, 0.2774, 0.3540



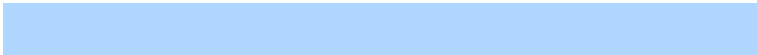
64.9336, 0.3138, 0.2844

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9336, 0.2774, 0.3540



64.9336, 0.2583, 0.2766



64.9336, 0.3477, 0.3051



64.9336, 0.3689, 0.3813

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.9336, 0.2774, 0.3540



64.9336, 0.2499, 0.3014



64.9336, 0.3477, 0.3051



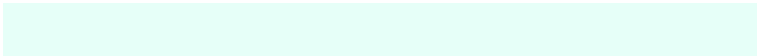
64.9336, 0.3799, 0.3507

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.9362, 0.2774, 0.3540



95.0388, 0.3011, 0.3360



64.9672, 0.3224, 0.4210



20.2040, 0.2995, 0.3370



0.0000, 0.0000, 0.0000



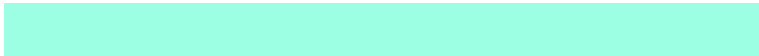
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.9362, 0.2774, 0.3540



84.1319, 0.2712, 0.3601



57.7950, 0.2641, 0.3091



15.5050, 0.3018, 0.3355



32.5837, 0.2500, 0.4199



2.2734, 0.2456, 0.4041

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.4183, 0.3669, 0.3057



48.2959, 0.3834, 0.3007



46.1920, 0.3816, 0.3479



13.7619, 0.3249, 0.3226



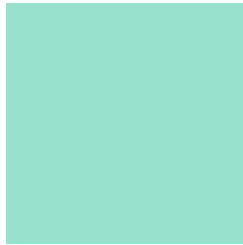
9.4391, 0.5844, 0.2993



0.6691, 0.5402, 0.2750

Previews

White Background



This preview shows how the Yxy color 64.9336, 0.2774, 0.3540 looks on a white background.

Color Contrast Check

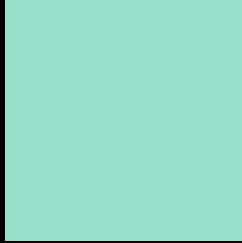
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 64.9336, 0.2774, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

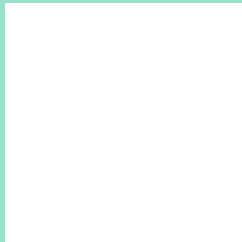
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9336, 0.2774, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 64.9336, 0.2774, 0.3540.

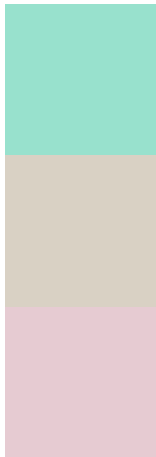


This preview shows how white text looks on a background with the Yxy color 64.9336, 0.2774, 0.3540.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

**Original Color**

64.9336, 0.2774, 0.3540

Protanopia

64.3382, 0.3280, 0.3438

Deuteranopia

64.1880, 0.3286, 0.3214



Tritanopia

64.7304, 0.2628, 0.3075

Trichromacy



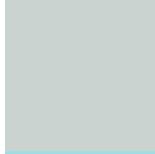
Original Color

64.9336, 0.2774, 0.3540



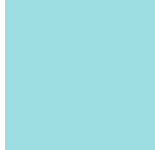
Protanomaly

64.0619, 0.3075, 0.3480



Deuteranomaly

63.6992, 0.3081, 0.3325



Tritanomaly

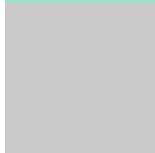
64.8015, 0.2678, 0.3240

Monochromacy



Original Color

64.9336, 0.2774, 0.3540



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

60.4247, 0.2984, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9336, 0.2774, 0.3540 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(152, 225, 205)` looks like.

```
.text, #text, p{  
    color:rgb(152, 225, 205)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(152, 225, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 225, 205) }
```

Border

The CSS property to change the border of an element to Yxy 64.9336, 0.2774, 0.3540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 225, 205) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(152, 225, 205) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(152, 225, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 225, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 225, 205);  
box-shadow:4px 4px 4px 4px rgb(152, 225,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9336, 0.2774, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 225, 205) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(152,  
225, 205) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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